

(Currently Amended) 1. A naming-term based and graphically aided document management and review processing system implemented in a computer comprising:

a document reading processing module means for reading a single document having textual descriptions and at least a drawing having at least a graphic element assigned and illustrated with an alpha-numeral designation and described with said alpha-numeral designation designating a naming term in said textual descriptions, wherein said document reading processing module means is further provided for converting said graphic element assigned with said alphanumerical designation and said textual descriptions to a plurality of processor-recognized elements and incorporating said textual descriptions and said plurality of processor-recognized elements in a single processor-recognizable file;

a search and link processing module means for searching within said single-processor recognizable file for linking said processor-recognized elements with said alpha-numeral designation with at least one associated segment of said textual descriptions including and describing said naming term designated by said alpha-numeral designation illustrated by said graphic element; and

a display processing module means for displaying said drawing with said naming-term as designated by said alpha-numeral designation and described in said at least one associated segment of said textual description wherein said name term is displayed immediately and directly next to said graphic element illustrated with said alpha-numeral designation assigned to said graphic element whereby a document reviewer can directly and graphically view and associate said graphic element together with said naming term.

(Currently Amended) 2. The document management and review system implemented in the computer of claim 1 wherein:

said search and link processing module means for searching and linking said associated segment of textual description including and describing said naming term designated by said alpha-numeral designation assigned to said graphic element further includes a document-location-finder processing module means for locating a column number, a page number, and a line-range number for said associated segment of textual description in said single document; and

said display processing module means is further provided for displaying said column number, said page number, and said line-range number for said segment of textual description for said naming term next to said alpha-numeral-designation with said naming term displayed immediately and directly next to said graphic element.

(Currently Amended) 3. The document management and review system implemented in the computer of claim 1 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term to invoke said search and link processing module means for searching within said single processor-recognizable file incorporating said single document for said user-selected naming-term and linking said user-selected naming-term to at least an associated segment of textual description including and describing said user selected naming term designated with an alpha-numeral designation and linking to an associated graphic element in said document and for displaying said associated segment of textual description immediately and directly next to said associated graphic element whereby said document reviewer can directly and graphically view and associate said associated graphic element with said user selected naming-term simultaneously.

(Currently Amended) 4. The document management and review system implemented in the computer of claim 1 further comprising:

a database for said single processor-recognizable file incorporating said single document for listing said alpha-numeral designation with said naming term and said at least one associated segment of said textual descriptions wherein said at least one associated segment of said textual descriptions includes and describes said naming term designated by said alpha-numeral designation designating said naming term.

(Currently Amended) 5. The document management and review system implemented in the computer of claim 2 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term to invoke said search and link processing module ~~means~~ for searching within said single processor-recognizable file incorporating said single document for said user-selected naming-term and for linking said user-selected naming-term to an associated segment of textual description including and describing a naming term related to said user selected naming term designated with an alpha-numeral designation for linking to an associated graphic element for displaying said associated segment of textual description and a column or a page number, and a line-range number, in said single document for said associated segment of textual description and at least a figure number of said associated graphic element.

(Currently Amended) 6. The document management and review system implemented in the computer of claim 2 further comprising:

a user interface provided for allowing a user to input a user-selected alpha-numeral designation to invoke said search and link processing module means for searching within said single processor-recognizable file incorporating said single document for said user-selected alpha-numeral designation and for linking said user-selected alpha-numeral designation to an associated segment of textual description including and describing a naming term designated by said user-selected alpha-numeral designation in said document; and

said display processing module means is further provided for displaying at least a drawing having a graphic element linked by said user-selected alpha-numeral designation for displaying with said naming term associated with said user-selected alpha-numeral designation immediately and directly next to said graphic element whereby said document reviewer can directly and graphically view said drawing with said user selected alpha-numeral designation simultaneously with said naming term disposed immediately next to said graphic element.

(Currently Amended) 7. A method of processing a naming-term based and graphically aided document review and management comprising:

- a) employing a document reading processing module ~~means~~ for reading a single document having textual descriptions and at least a drawing having graphic element marked with an alpha-numeral designation;
- b) converting said document including said graphic elements and said alpha-numeral-designation to a plurality of processor-recognized elements and incorporating said textual descriptions and said plurality of processor-recognizable elements into a single processor-recognizable file;
- c) employing a search and link processing module ~~means~~ for searching within said single processor-recognizable file for said processor-recognized elements and linking each of said alpha-numeral designation with at least one associated segment of textual description including and describing said naming term designated by said alpha-numeral designation in said at least one associated segment of textual description; and
- d) displaying said drawing with said naming-term as designated by said alpha-numeral designation and described in said at least one associated segment of said textual description wherein said name term is displayed immediately and directly next to said graphic element marked by said alpha-numeral designation whereby a document reviewer can directly and graphically view and associate said graphic element together with said naming term.

(Currently Amended) 8. The method of document management of claim 7 wherein:

said step c) further includes a step of employing a document-location-finder processing module ~~means~~ for locating a column or page number, and a line-range number in said single document for said at least one associated segment of textual description; and

said step d) of displaying said naming term immediately and directly next to said graphic elements further displaying said column or page number, and said line-range number in said single document for said segment of textual description for said graphic elements each displayed immediately and directly adjacent to said naming term.

(Currently Amended) 9. The method of document management of claim 7 further comprising:

e) employing a user interface for allowing a user to input a user-selected naming-term to invoke said search and link processing module ~~means~~ for searching within said single processor-recognizable file incorporating said single document for said user-selected naming-term and for linking said user-selected naming-term to an associated segment of textual description in said document that includes and describes said user selected naming term designated with an alpha-numeral designation and for linking to an associated graphic element for displaying said associated segment of textual description including said user selected naming term immediately and directly next to said associated graphic element.

(Currently Amended) 10. The method of document management of claim 7 further comprising:

incorporating said alpha-numeral designation with said naming term and said at least one associated segment of said textual descriptions in a database wherein said naming term is linked to said at least one associated segment of textual description includes and describes said naming term designated by said alpha-numeral designation.

(Currently Amended) 11. The method of document management of claim 7 further comprising:

e) employing a user interface for allowing a user to input a user selected graphic element naming-term to invoke said search and link processing module ~~means~~ for searching within said single processor-recognizable file incorporating said single document for said user-selected graphic element and for linking said user selected graphic element naming-term to an associated segment of textual description that including and describing said user-selected graphic naming-term and for displaying said associated segment of textual description and a column or page number, and a line-range number in said single document for said associated segment of textual description immediately and directly next to a graphic element displayed with said user-selected graphic element naming-term.

(Currently Amended) 12. The method of document management of claim 7 further comprising:

- e) employing a user interface for allowing a user to input a user-selected naming-term to invoke said search and link processing module means for searching within said single processor-recognizable file incorporating said single document for said user-selected naming-term and for linking said user-selected naming-term to an associated segment of textual description including and describing said user-selected naming-term designated by an alpha-numeral designation for linking to an associated graphic element; and
- f) displaying at least a drawing with said associated graphic element and said associated segment of textual description including said user-selected naming-term immediately and directly next to said associated graphic element.



(Currently Amended) 13. A naming-term based and graphically aided document review and management system implemented in a computer for reading a single document having textual descriptions and at least a drawing consisted of graphic elements designated with graphic element designations associated with a naming term included and described in said textual description in said single document incorporated in a single processor-recognizable file, comprising:

a display processing module ~~means~~ for displaying said drawing with said naming term as designated by said alpha-numeral designation and described in said at least one associated segment of said textual description wherein said name term is displayed immediately and directly next to said textual description of said single document incorporated in said single processor-recognizable file whereby a document reviewer can directly and simultaneously view and associate said naming term as described in said textual description to said graphic element without requiring a processor to process multiple files.

(Currently Amended) 14. The document review and management system implemented in a computer of claim 13 wherein:

said display processing module ~~means~~ is further provided for displaying a column or page number, and a line-range number in said single document along with said segment of textual description immediately and directly next to said naming term in said drawing.

(Currently Amended) 15. The document review and management system implemented in a computer of claim 13 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term for searching within said single processor-recognizable file for said user-selected naming term and for linking said user-selected naming-term to an associated segment of textual description including and describing said user-selected naming term and a figure number of an associated graphic element linked by said user-selected naming term for displaying said associated segment of textual description together with ~~and~~ said figure number of said associate graphic element included in said drawing.

(Currently Amended) 16. The document review and management system implemented in a computer of claim 13 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term for searching within said single processor-recognizable file for said user-selected naming term and for linking said user-selected naming-term to an associated segment of textual description including and describing said user-selected naming term and an associated graphic element related to said user-selected naming-term for displaying said user-selected naming-term together with said associated textual description immediately and directly next to said associated graphic element in said drawing.

(Currently Amended) 17. The document review and management system implemented in a computer of claim 13 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term for searching within said single processor-recognizable file for said user-selected naming term and for linking said user-selected naming-term to an associated segment of textual description including and describing said user-selected term and for displaying said naming term together with said drawing said associated segment of textual description with a column or page number, and a line-range number in said single document for said associated segment of textual description in said single document.

(Currently Amended) 18. The document and review management system implemented in a computer of claim 14 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term for searching within said single processor-recognizable file for said user-selected naming term and for linking said user-selected naming-term to an associated segment of textual description including and describing said user-selected naming term for linking to an associated graphic element in said drawing related to said user-selected naming-term; and

said display processing module means is further provided for displaying a drawing showing said associated graphic element with said associated segment of textual description and said column or page number, and said line-range number in said single document for said associated segment of textual description displayed immediately and directly next to said graphic element.

(Currently Amended) 19. A method for reading and managing a single document having textual descriptions and at least a drawing consisted of graphic elements designated with an graphic element designation associated with a naming term in one of said textual descriptions of said single document incorporated in a single processor-recognizable file, comprising:

employing a display processing module ~~means~~ for displaying said drawing with said naming term included and described in said textual description for displaying said naming term immediately and directly next to said graphic element whereby a document reviewer can directly and simultaneously view and associate said naming term to said graphic element without requiring a processor to process multiple files.

(Currently Amended) 20. The method of claim 19 wherein:

said step of displaying said drawing further comprising a step of displaying an associated segment of textual description including descriptions of said naming term for said designated graphic element immediately and directly next to said graphic element designated by said naming term.

(Currently Amended) 21. The method of claim 19 further comprising:

employing a user interface for allowing a user to input a user-selected naming-term for searching within said single processor-recognizable file for said user-selected naming term and for linking said user-selected naming-term to an associated segment of textual description including descriptions of said user-selected naming term and for linking to an associated graphic element related to said user-selected naming term for displaying a drawing together with said associated segment of textual description including said user-selected naming term immediately and directly next to said graphic element.